



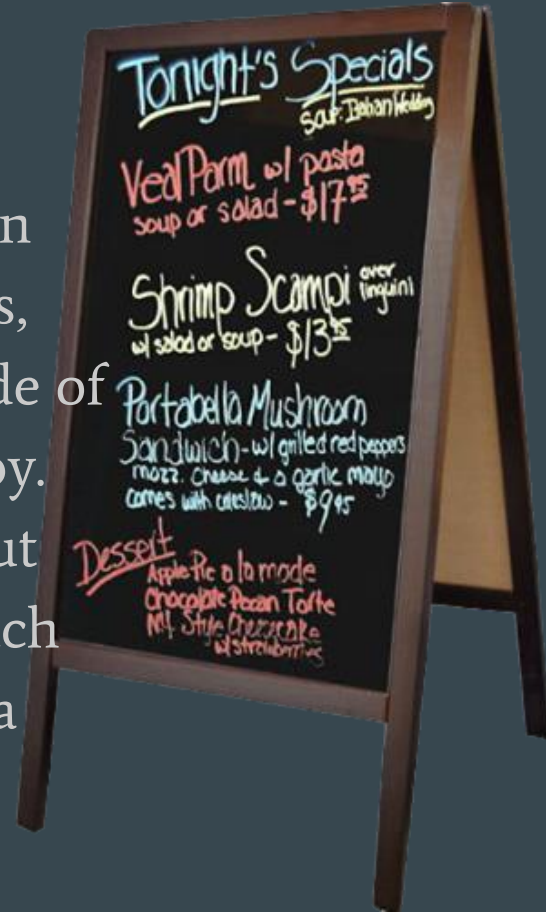
PromoPass



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Problem Definition

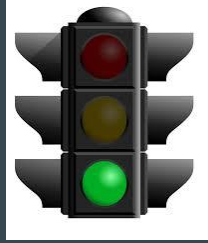
Businesses need an efficient way to share information with their customers. Currently, businesses use flyers, billboards, and sandwich boards on sidewalks outside of their establishments in order to advertise to passersby. Use of the app *PromoPass* will allow businesses to cut down on costs of advertising and make sure they reach more customers than ever before. *PromoPass* offers a convenient way for customers to receive and store promotional information all in one place.



Scope of System

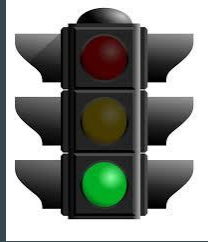
Stage 1:

- Providers create Ads
- Consumers view Ads



Stage 2:

- Consumers manage preferences
- Providers manage their Ads



Stage 3:

- List all providers regardless of location
- Ad History



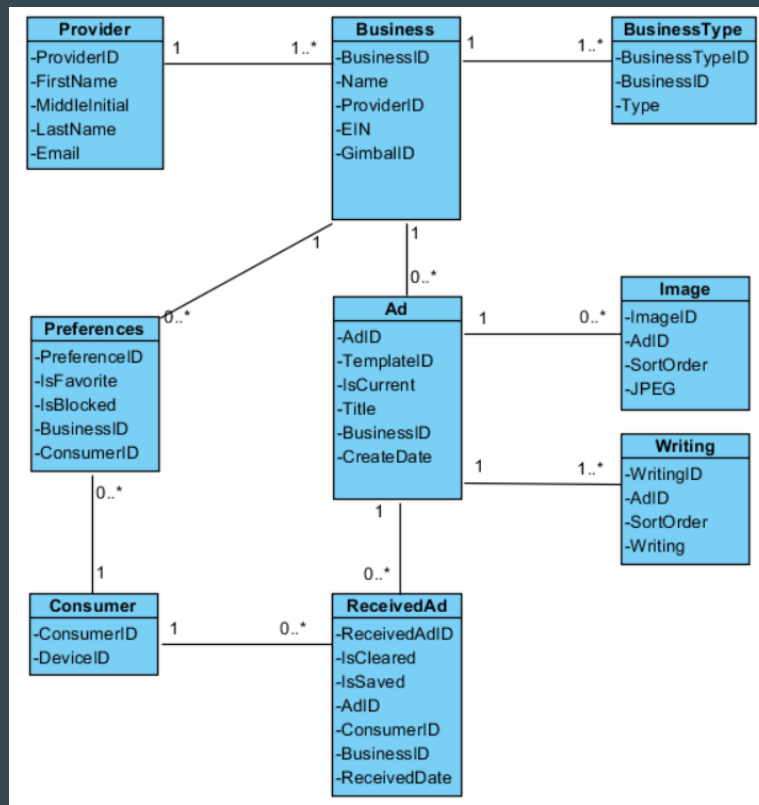
Stage 4:

- Profit Tracking
- Multiple gimbal devices per Provider account
- Consumer portability

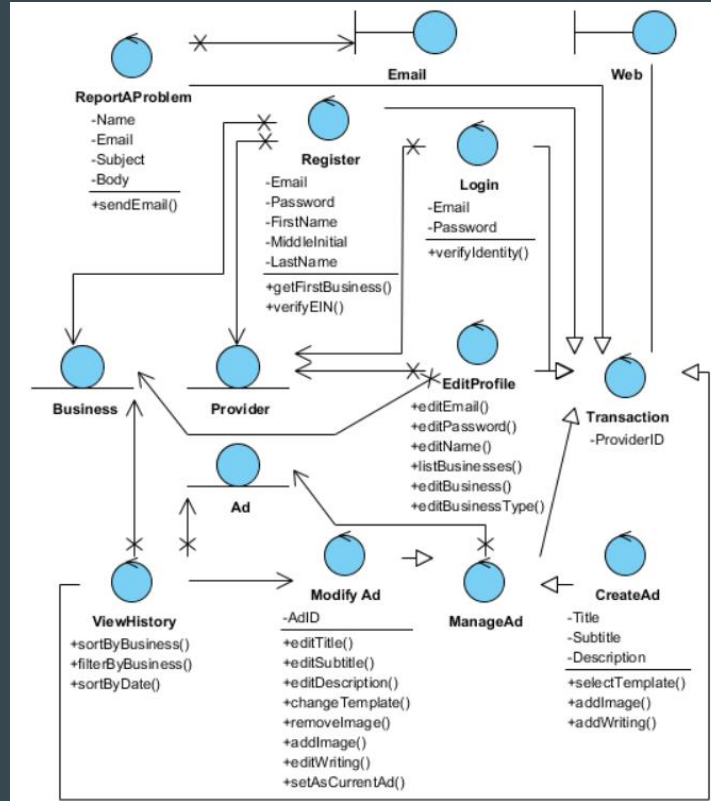


End Goal: To have proof of concept for our users, were we will definitely get stage 1 and 2 finished and will attempt stage 3 if there is time. Stage 4 doesn't logically seem to be in the scope of our time frame.

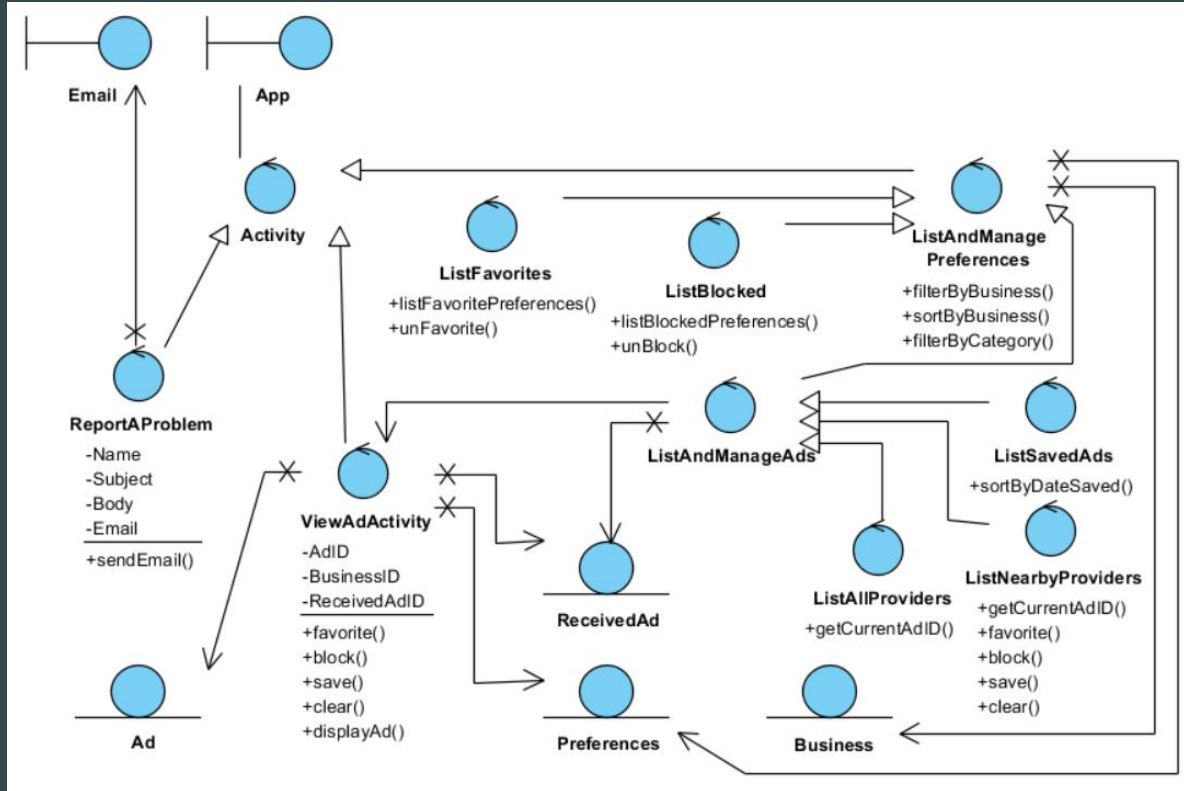
Entity Relationship Diagram



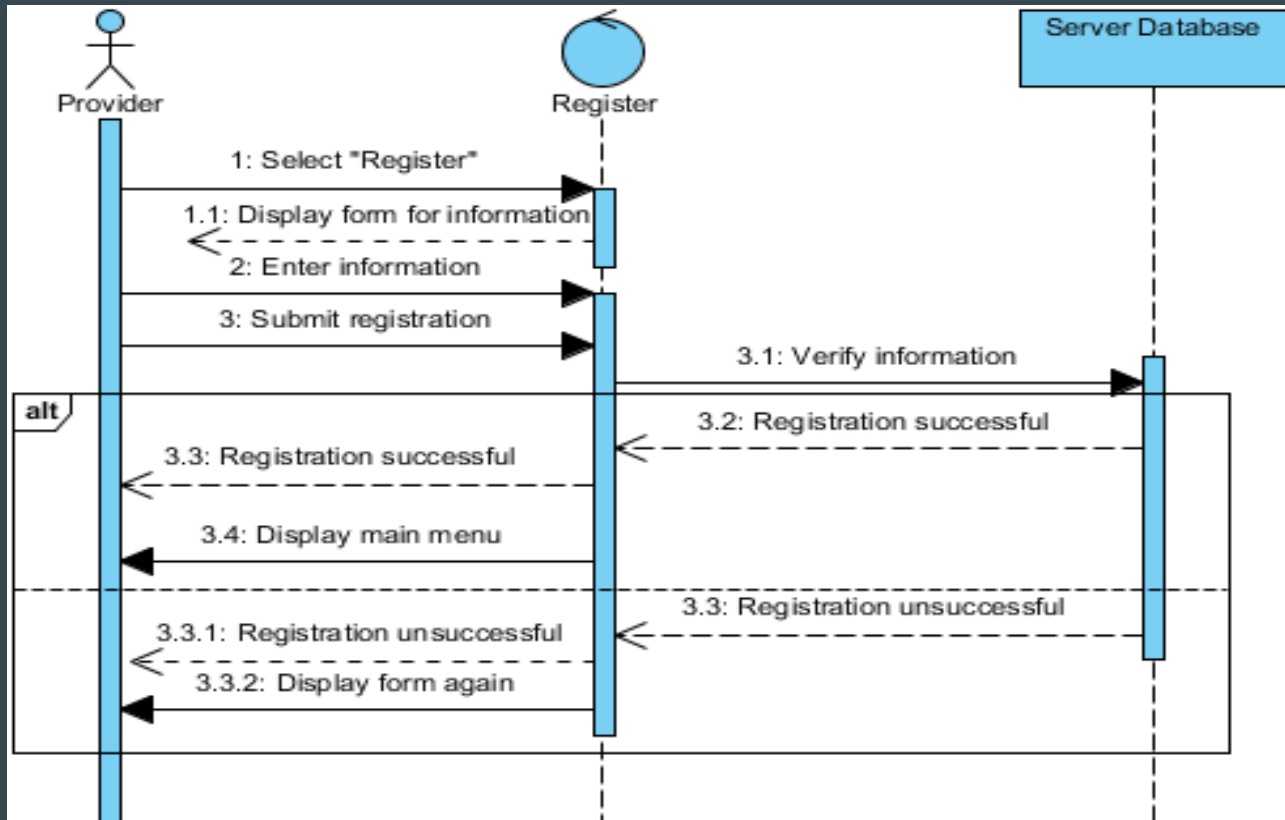
Web Class Diagram



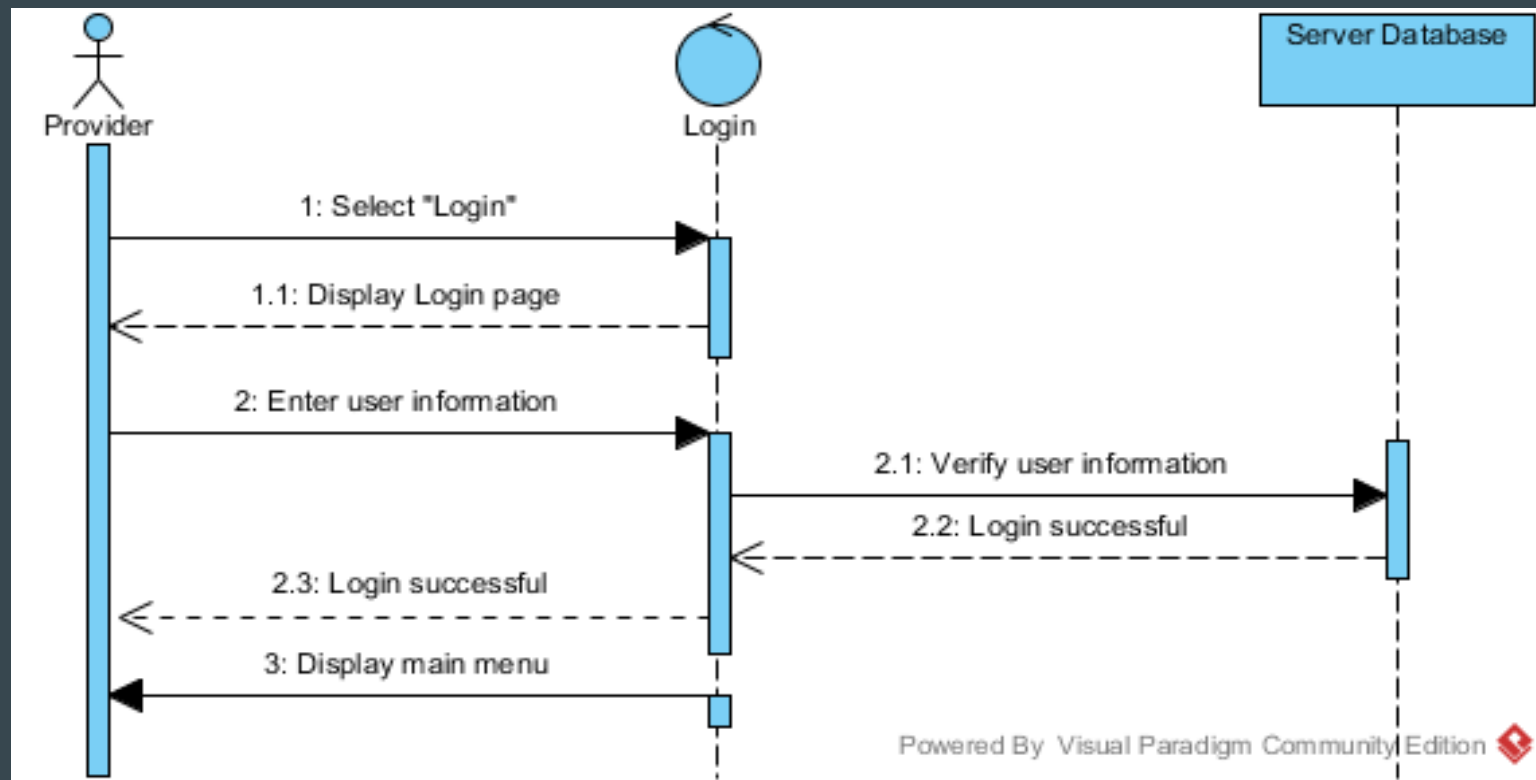
App Class Diagram



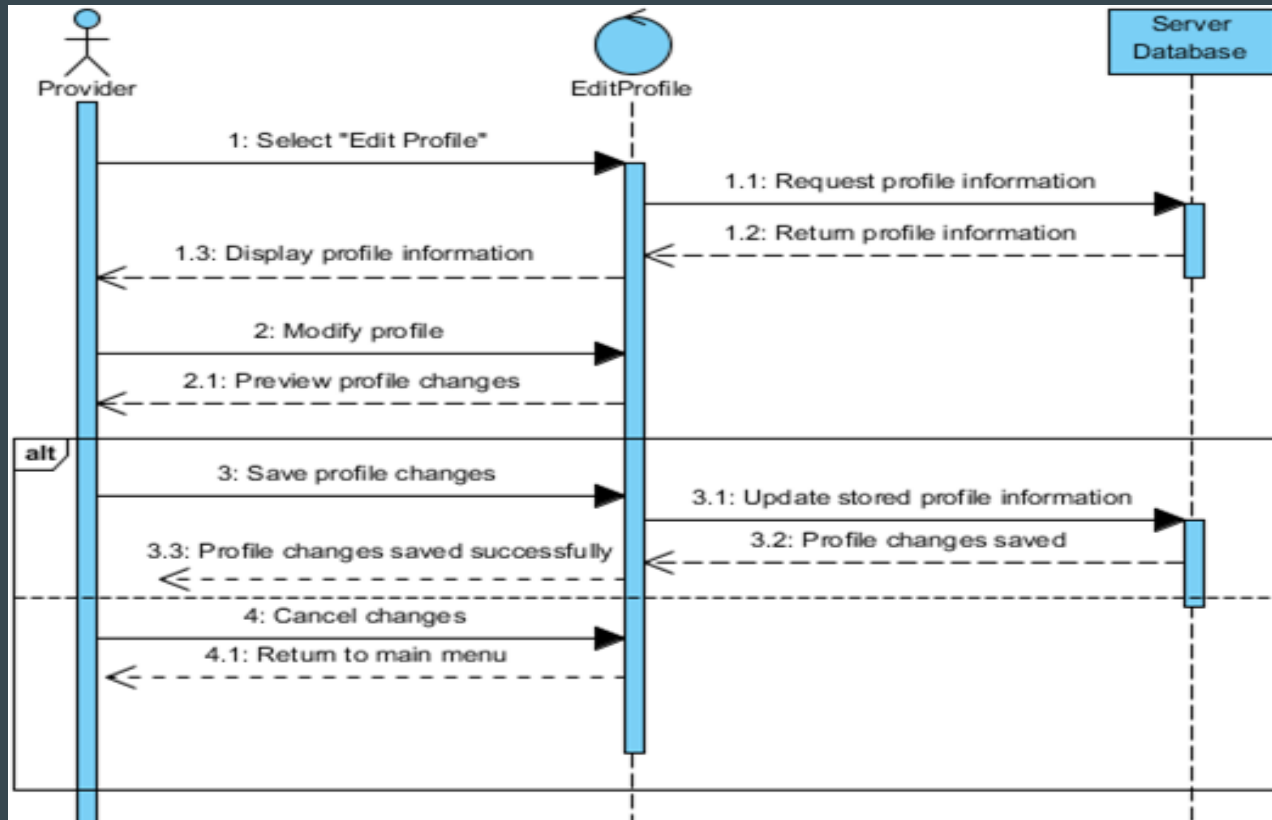
Register



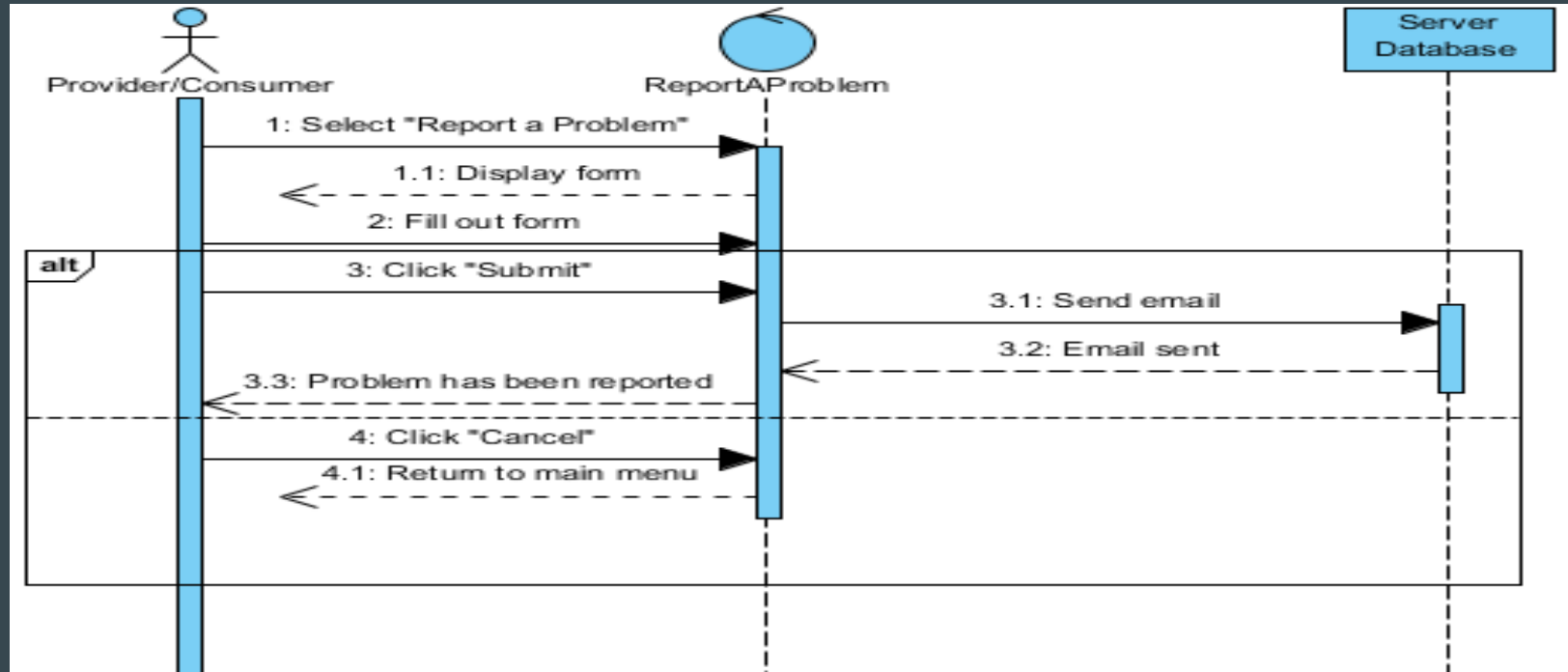
Login



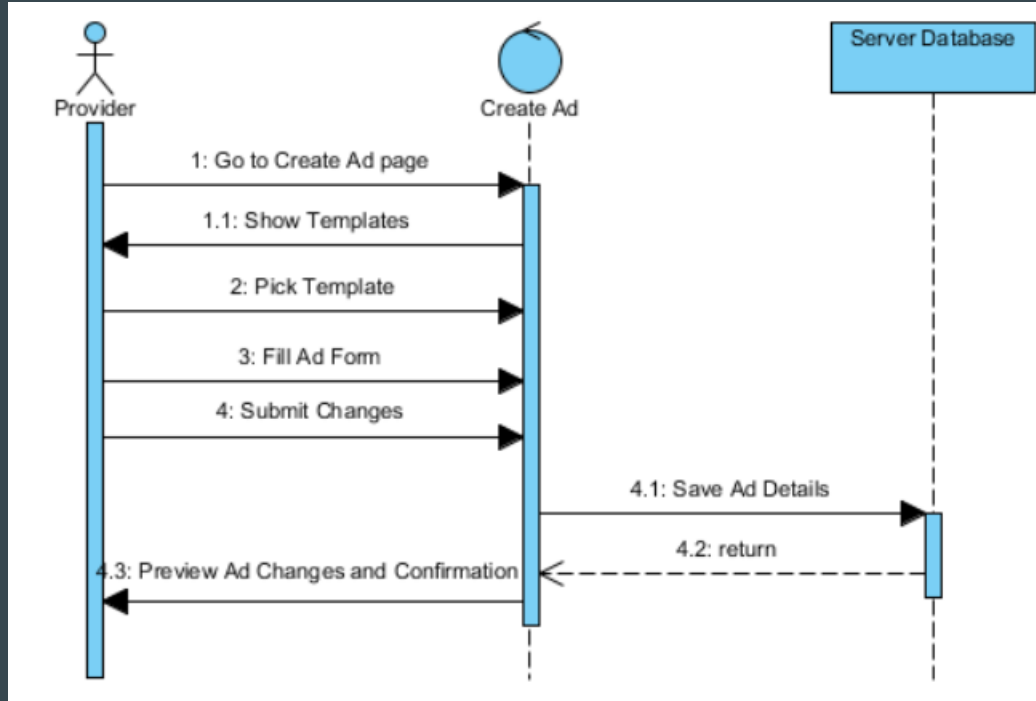
Edit Profile



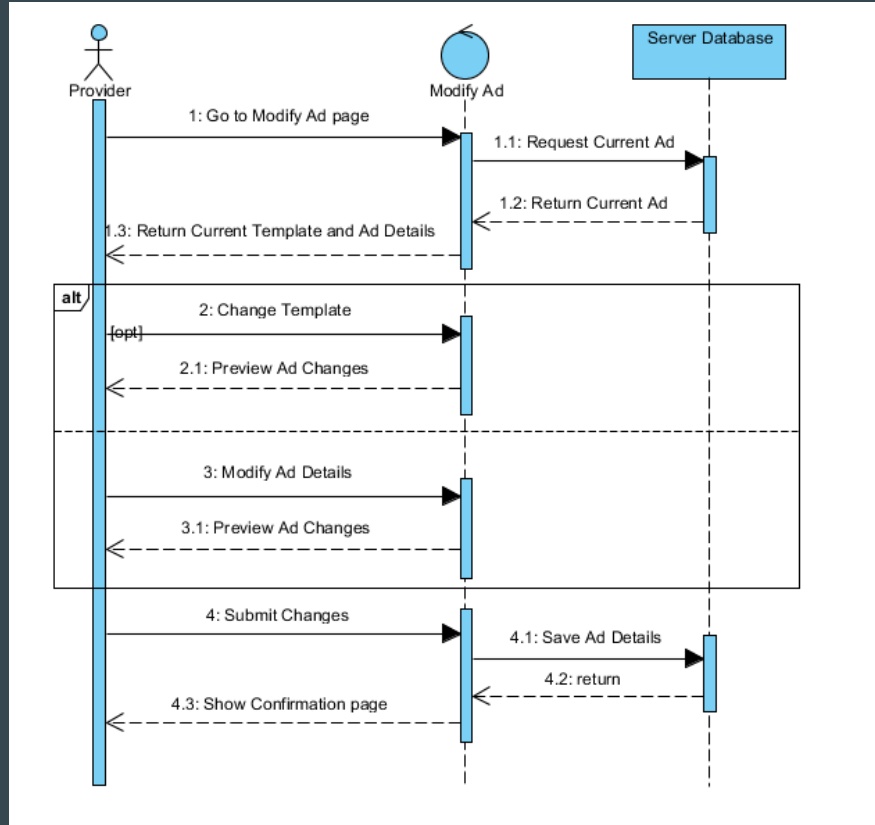
Report a Problem



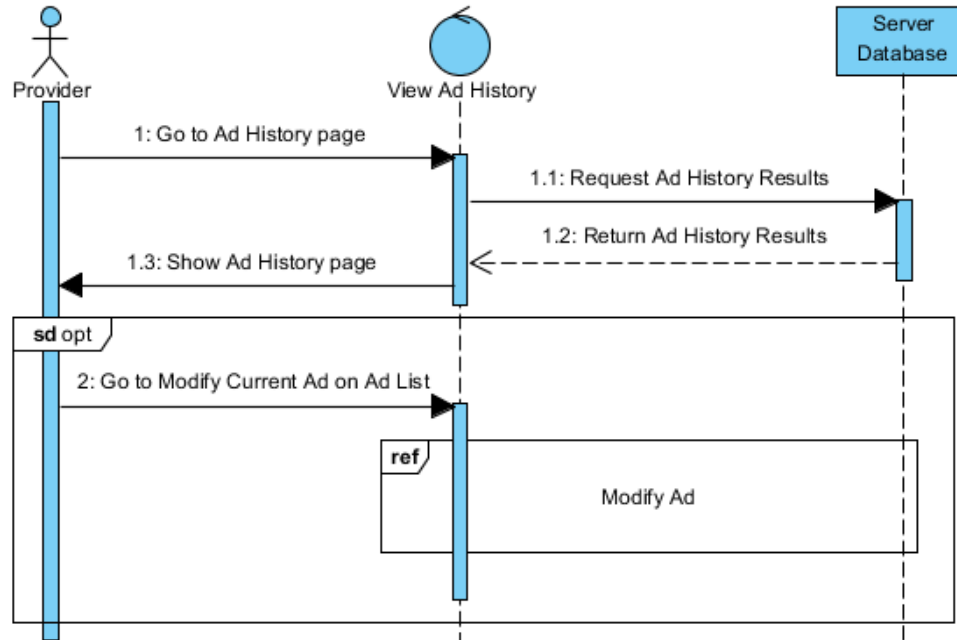
Create Ad



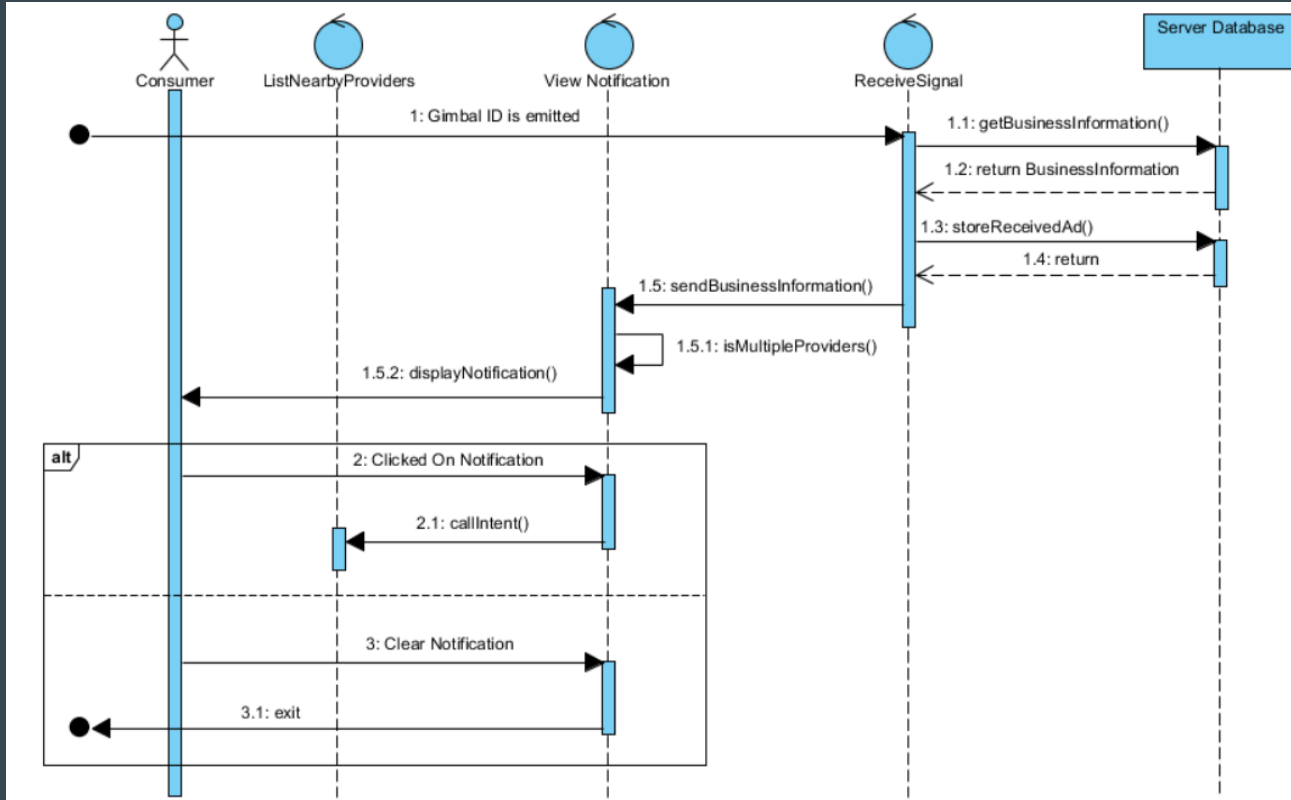
Modify Ad



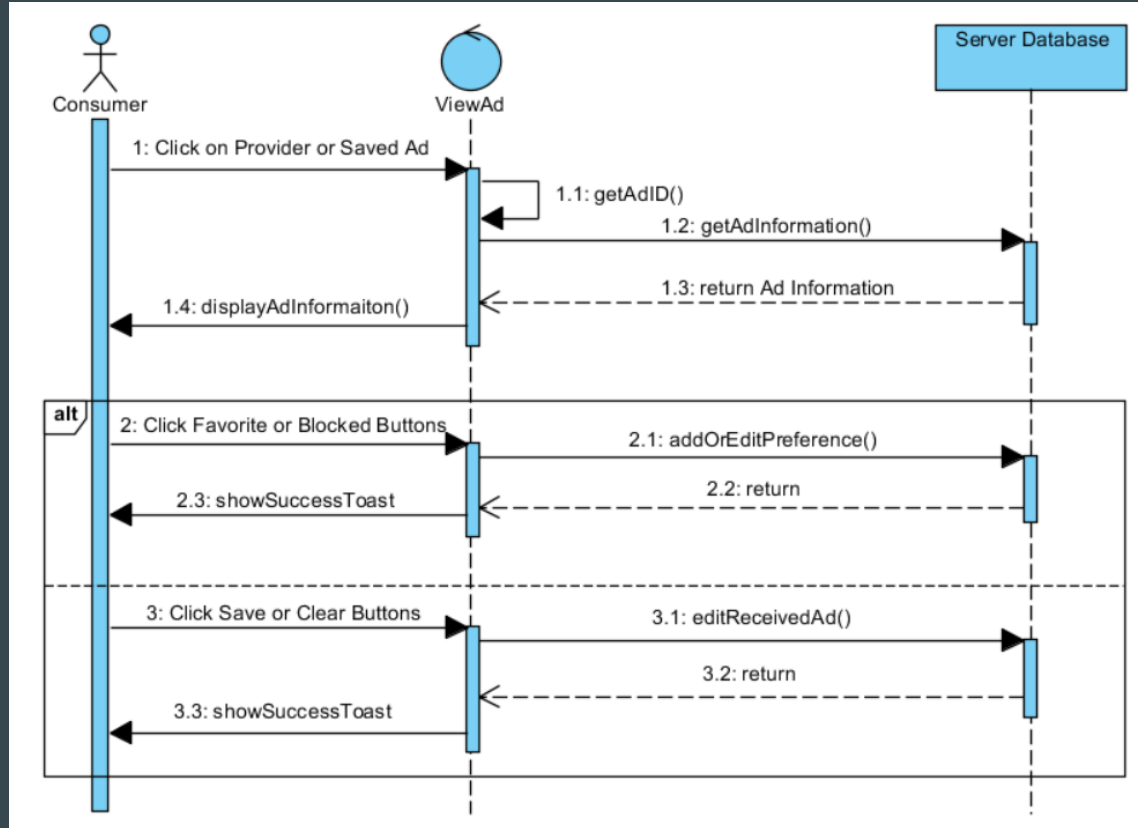
View Ad History



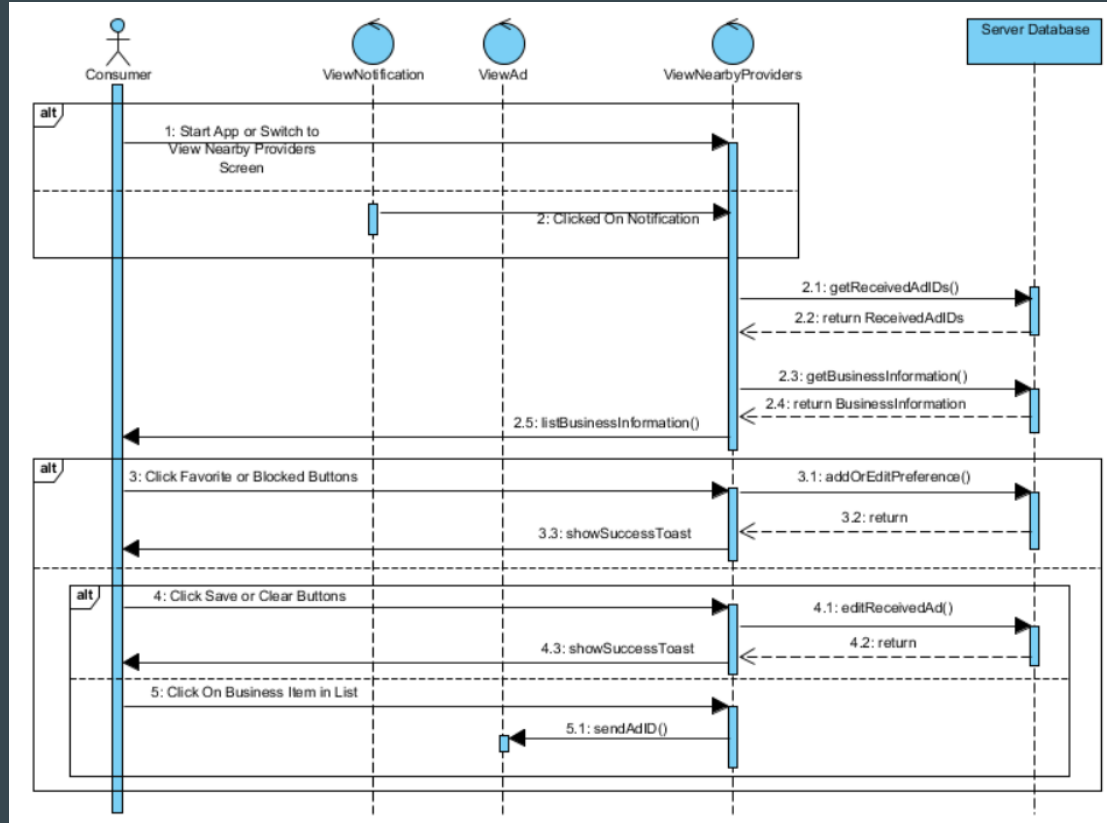
View Notification



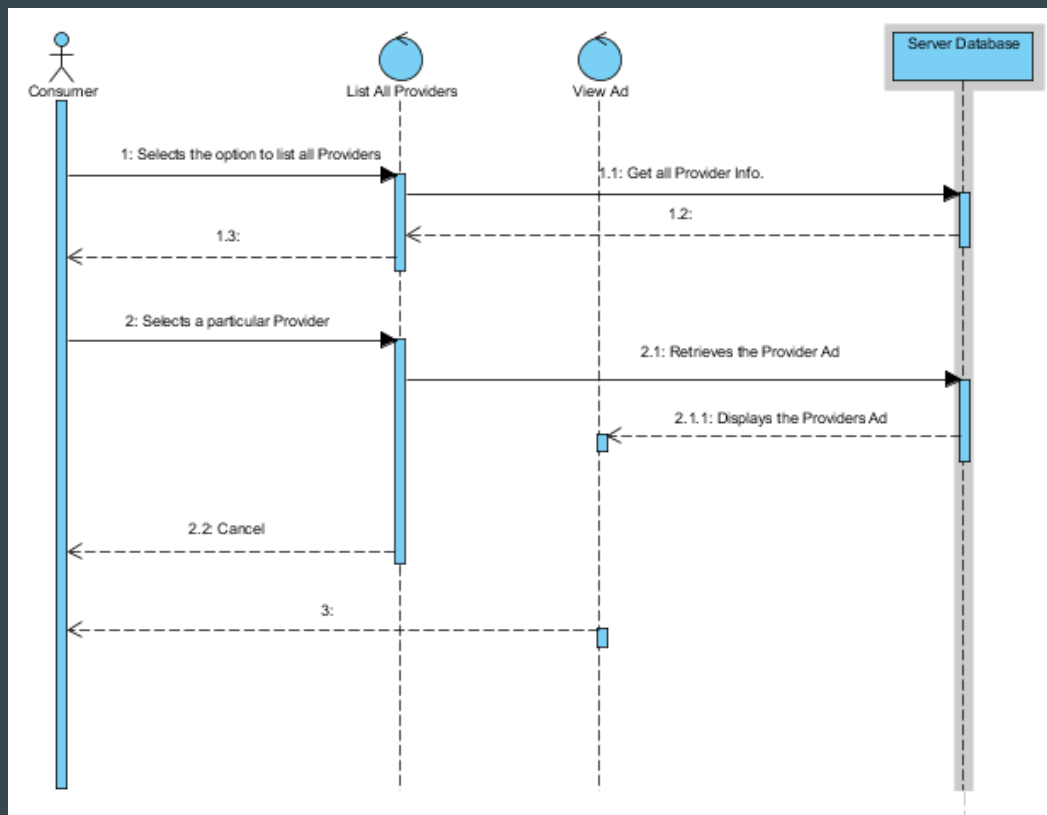
View Ad



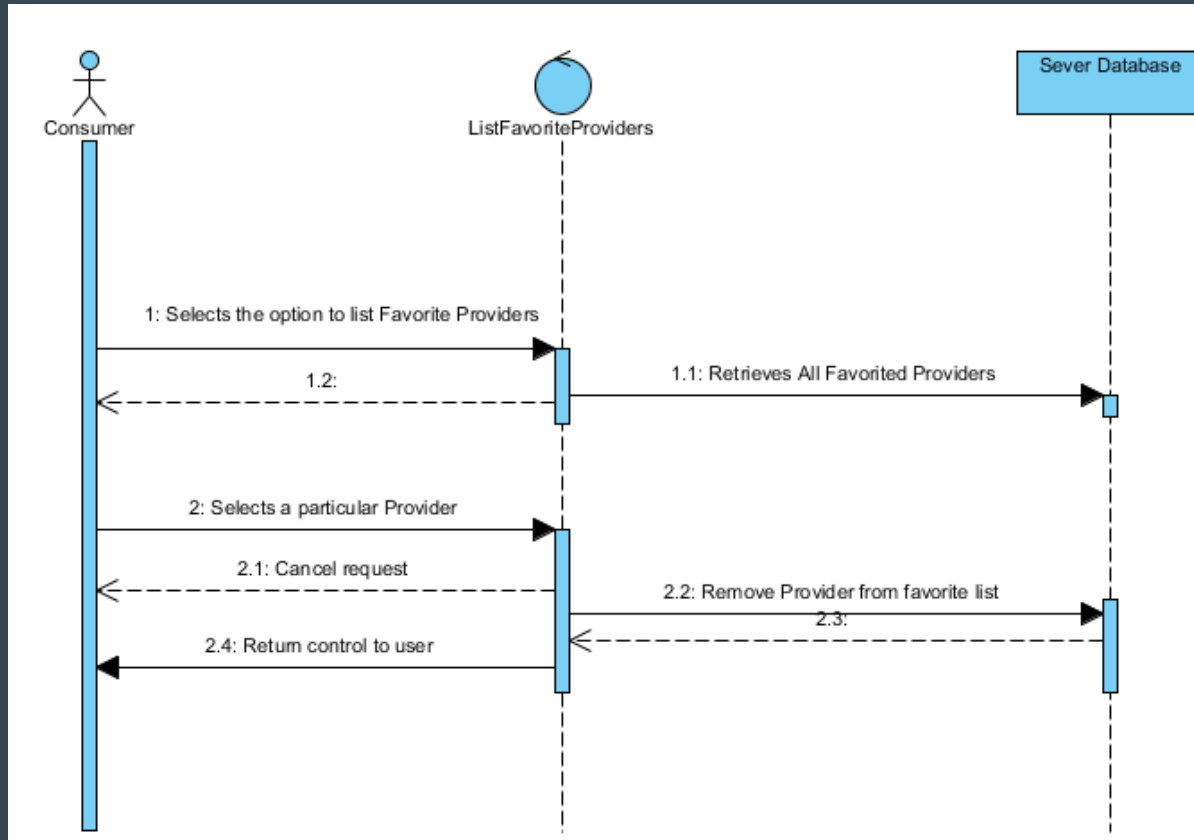
List Nearby Providers



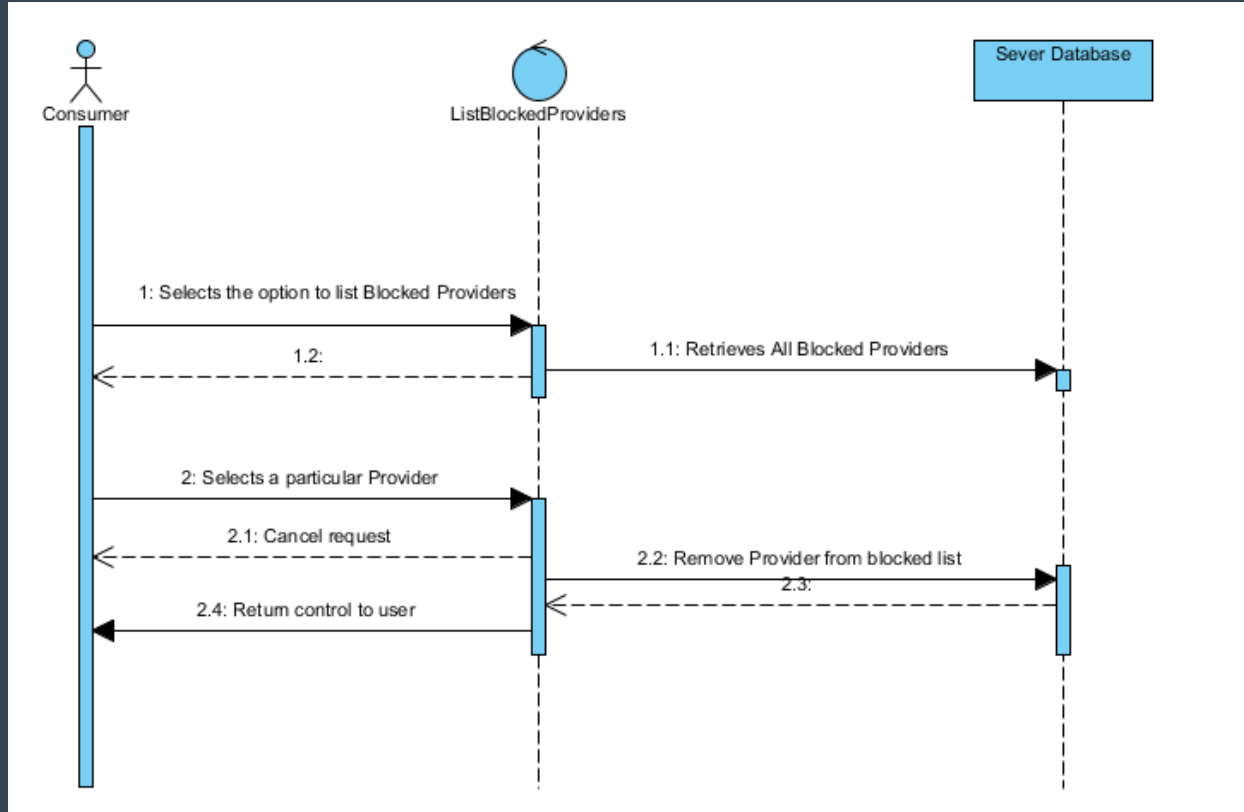
List All Providers



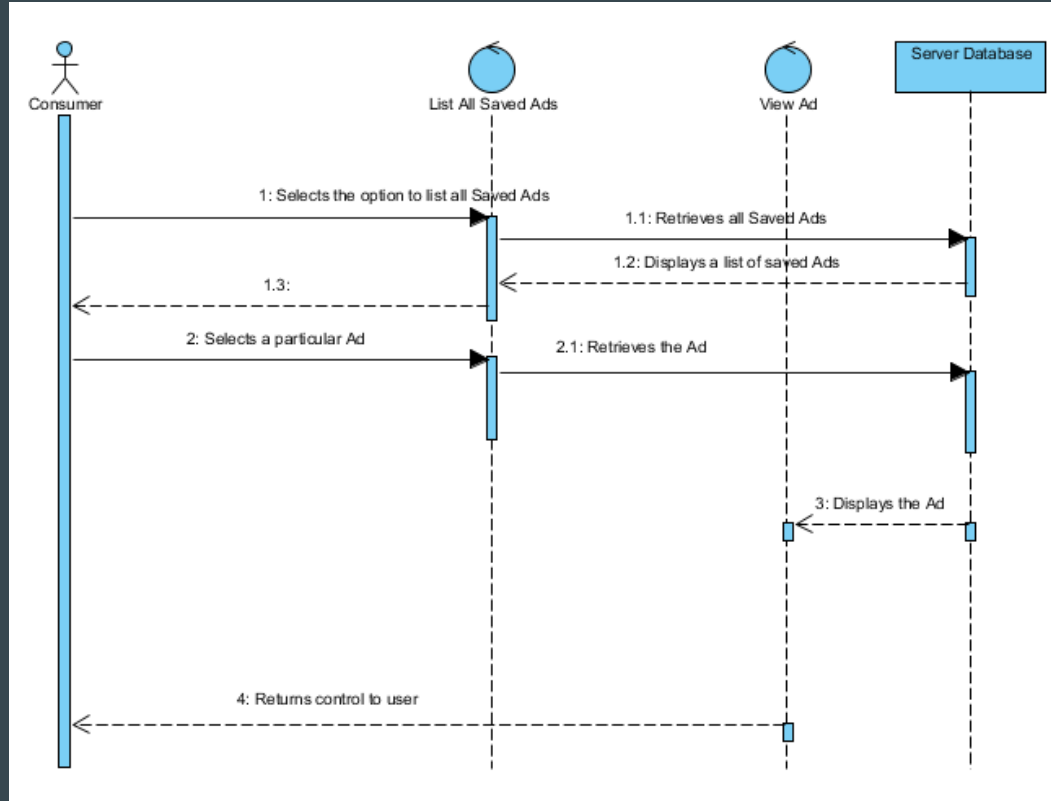
List Favorite Providers



List Blocked Providers



List Saved Ads



Project Changes

- Added “Report a Problem” for the provider (on the web side of the system)
- Added the ability for a provider to have multiple businesses
- Higher priority on sorting and filtering by businesses categories on the mobile app

Project Summary

- We plan to finish stage 1 by the demo on Nov. 12
 - Provider can register, login, and create ads.
 - Consumer can view the ads.
- Stages 2 and 3 should be completed by the Dec. 3
 - Provider can modify existing ads, report a problem, edit profile, and view ad history.
 - Consumer can manage preferences, save ads, report a problem, and see all providers in town.

Questions or Concerns?

